



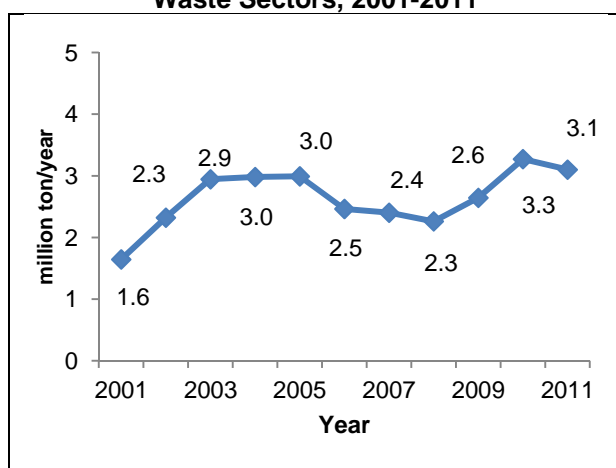
Palestinian Central Bureau of Statistics (PCBS) releases Statistical Report on Air Emissions

The Palestinian Central Bureau of Statistics has issued a statistical report on air emissions. The main objective of this report is to provide estimates and calculations of air emissions in Palestine. The report defines the methodology used to calculate emissions of the following pollutants: SO₂, NO_x, CO₂, CH₄, N₂O and NMVOC (non-methane volatile organic compounds). The report estimated the emissions during the period ten years ago.

Carbon Dioxide CO₂

The amount of carbon dioxide emitted from the energy, agriculture and solid waste sectors during 2011 was estimated at around 3.1 million tons, distributed into 2.7 million tons from the energy sector, 326 thousand tons emitted from agriculture and the remaining 63 thousand tons emitted from the solid waste sector (open burning of solid waste).

Amounts of Carbon Dioxide Emitted in Palestine from Energy, Agriculture and Waste Sectors, 2001-2011

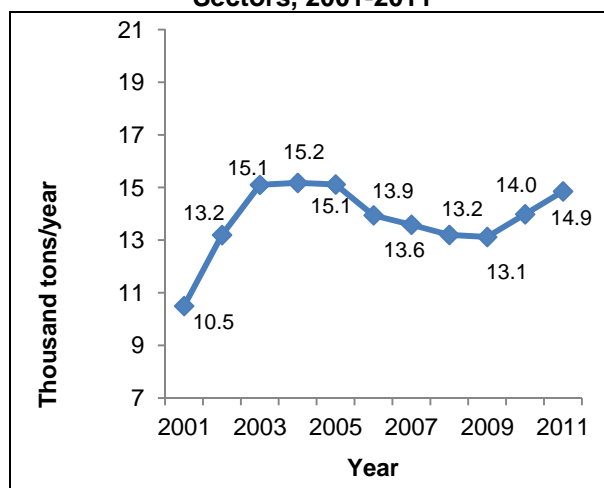


Methane CH₄

The amounts of methane emitted from the energy, agriculture and solid waste sectors during 2011 was estimated at around

14,852 tons, distributed as 3,305 tons from the energy sector, 7,137 tons from agriculture and the remaining 4,410 tons from the solid waste sector (open burning of solid waste).

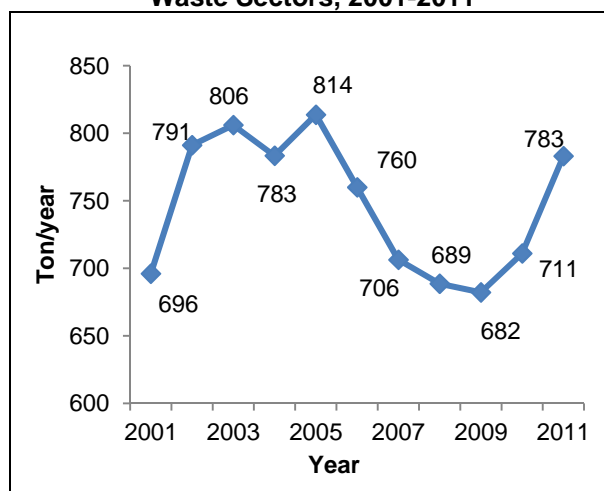
Amounts of Methane Emitted in Palestine from Energy, Agriculture and Waste Sectors, 2001-2011



Nitrous Dioxide N₂O

The amounts of nitrous dioxide emitted from the energy, agriculture and solid waste sectors during 2011 was estimated at around 783 tons, distributed into 116 tons from the energy sector, 567 tons from agriculture and the remaining 100 tons from the solid waste sector (open burning of solid waste).

Amounts of Nitrous Dioxide Emitted in Palestine from Energy, Agriculture and Waste Sectors, 2001-2011

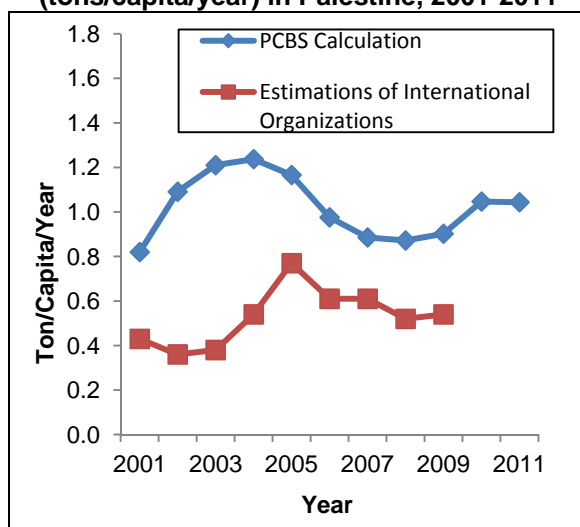




Per Capita Carbon Dioxide Emissions

Total per capita carbon dioxide emissions for 2011 in Palestine were around 1.04 tons/capita per year, distributed in different proportions by sector. In 2001 per capita carbon dioxide emissions were 0.82 tons / capita per year.

Per Capita Carbon Dioxide Emissions (tons/capita/year) in Palestine, 2001-2011



These data were compared with those published on the website of the statistical commission of Islamic countries and other emissions' websites and the results appear in the figure above.

GDP per emissions

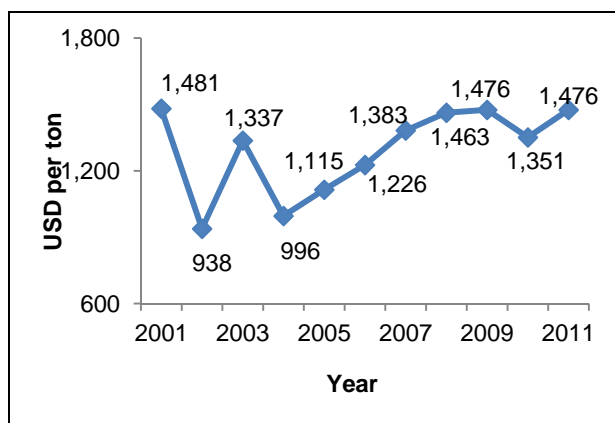
Number of the studies confirm the existence of a relationship between economy and emissions, the summary of these studies showed that; the higher value of the GDP per emissions the higher economy of the countries with low emissions, such as in Switzerland the value of this indicator is 9,293, Norway (8,381) and Sweden (7,740). The lowest value of this indicator showed that countries economy is weak with high level of emissions such as Uzbekistan (147), Mongolia (334) and Ukraine (338).

The final findings of the National Accounts for 2011 showed that the Gross Domestic Product in Palestine at constant prices was 6,421.4 USD million. The total

quantity of emissions measured in tons of CO₂ in 2011 in Palestine was 4.351million tons.

Based on these data, the GDP per emissions in USD per ton was calculated to be 1,476 USD / ton.

GDP per emissions in USD per ton in Palestine, 2001-2011



Comparing these data with those published on the website of the International Energy Agency, the results were as follows:

GDP per emissions in USD per ton for selected countries, 2009

Country	GDP per emissions in USD per ton
Jordan	716
Lebanon	1,464
Egypt	644
Israel	2,044

The estimates of air emissions 2001-2011 are based on the 2006 IPCC Guidelines for National Greenhouse Gas Inventories (2006 guidelines).

For more information, contact us on:
Palestinian Central Bureau of Statistics
P.O .Box 1647 Ramallah, Palestine.

Tel: (972/970) 2 298 2700

Fax: (972/970) 2 298 2710

Toll Free: 1800300300

E-Mail: diwan@pcbs.gov.ps

Website: <http://www.pcbs.gov.ps>